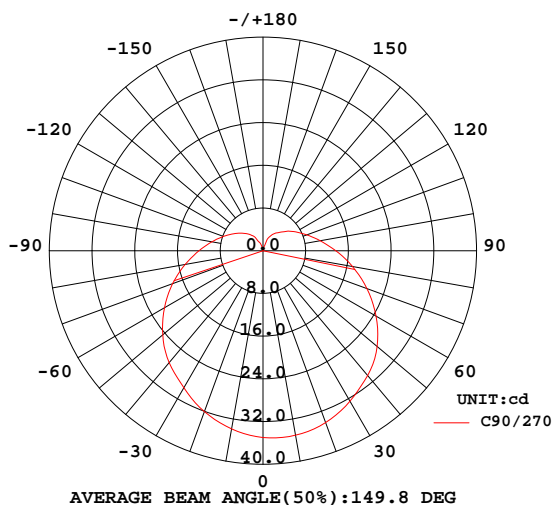


LUMINAIRE PHOTOMETRIC TEST REPORT

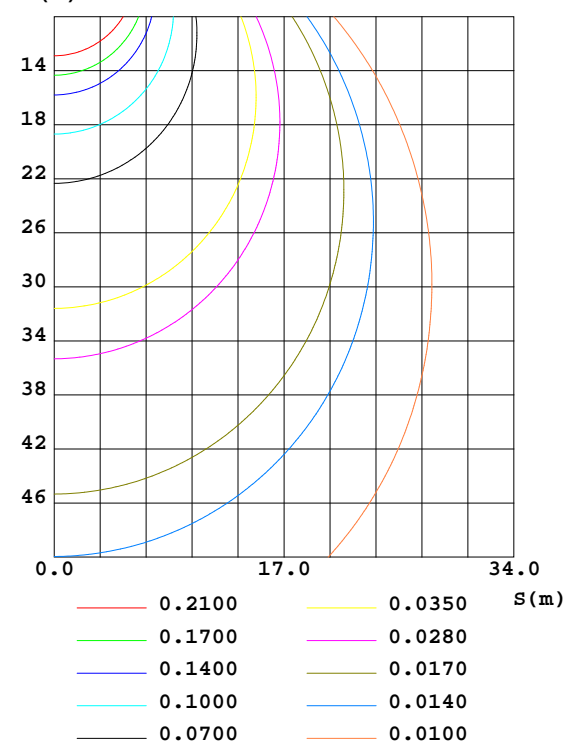
NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 23.91 lm/W			
MODEL	5050	Imax(cd)	35.15	S/MH(C0/180)	1.23
NOMINAL POWER(W)	6.32	LOR(%)	101.2	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	151.12	η UP,DN(C0-180)	8.2,40.4
NOMINAL FLUX(lm)	149.4	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.0,43.6
LAMPS INSIDE	1	η up(%)	17.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	83.9	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	34.19	33.85	33.88	34.17	34.35	34.91	35.08	34.60	0- 10	3.310	3.310	2.19,2.22
20	32.04	31.75	32.07	32.27	32.35	33.67	34.25	33.11	10- 20	9.505	12.81	8.48,8.58
30	28.69	28.84	29.64	29.51	29.12	31.33	32.55	30.59	20- 30	14.51	27.33	18.1,18.3
40	24.37	25.53	27.36	26.20	24.95	28.21	30.49	27.39	30- 40	17.84	45.16	29.9,30.2
50	19.48	21.97	24.52	22.72	20.18	24.76	27.92	23.86	40- 50	19.37	64.54	42.7,43.2
60	14.32	18.31	21.30	19.06	15.04	20.90	24.44	19.96	50- 60	19.05	83.58	55.3,55.9
70	9.117	14.61	18.02	15.43	9.829	16.93	20.71	15.88	60- 70	17.14	100.7	66.6,67.4
80	3.939	11.18	14.80	11.95	4.639	13.06	17.02	12.08	70- 80	14.08	114.8	76,76.8
90	0.3537	8.439	11.99	8.968	0.3372	9.760	13.64	8.968	80- 90	10.59	125.4	83,83.9
100	0.3083	6.559	9.732	6.410	0.2194	7.153	10.89	6.915	90-100	7.809	133.2	88.1,89.2
110	0.2727	5.258	7.889	5.176	0.1986	5.630	8.738	5.556	100-110	5.954	139.1	92.1,93.1
120	0.2846	4.291	6.393	3.884	0.1630	3.686	7.093	4.600	110-120	4.438	143.6	95,96.1
130	0.3053	3.465	5.152	2.596	0.1660	2.625	5.671	3.877	120-130	3.109	146.7	97.1,98.2
140	0.3083	2.728	4.048	1.814	0.1690	1.941	4.457	3.139	130-140	2.080	148.8	98.4,99.6
150	0.3882	2.007	2.888	1.309	0.3292	1.439	3.548	2.432	140-150	1.308	150.1	99.3,100
160	0.4327	1.381	1.548	0.9815	0.4477	1.146	2.296	1.743	150-160	0.7028	150.8	99.8,101
170	0.4979	0.7359	0.4894	0.7645	0.5099	0.9743	0.5734	0.9647	160-170	0.2780	151.1	100,101
180	0.5662	0.4983	0.0801	0.4974	0.5632	0.5057	0.0742	0.4870	170-180	0.0582	151.1	100,101
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

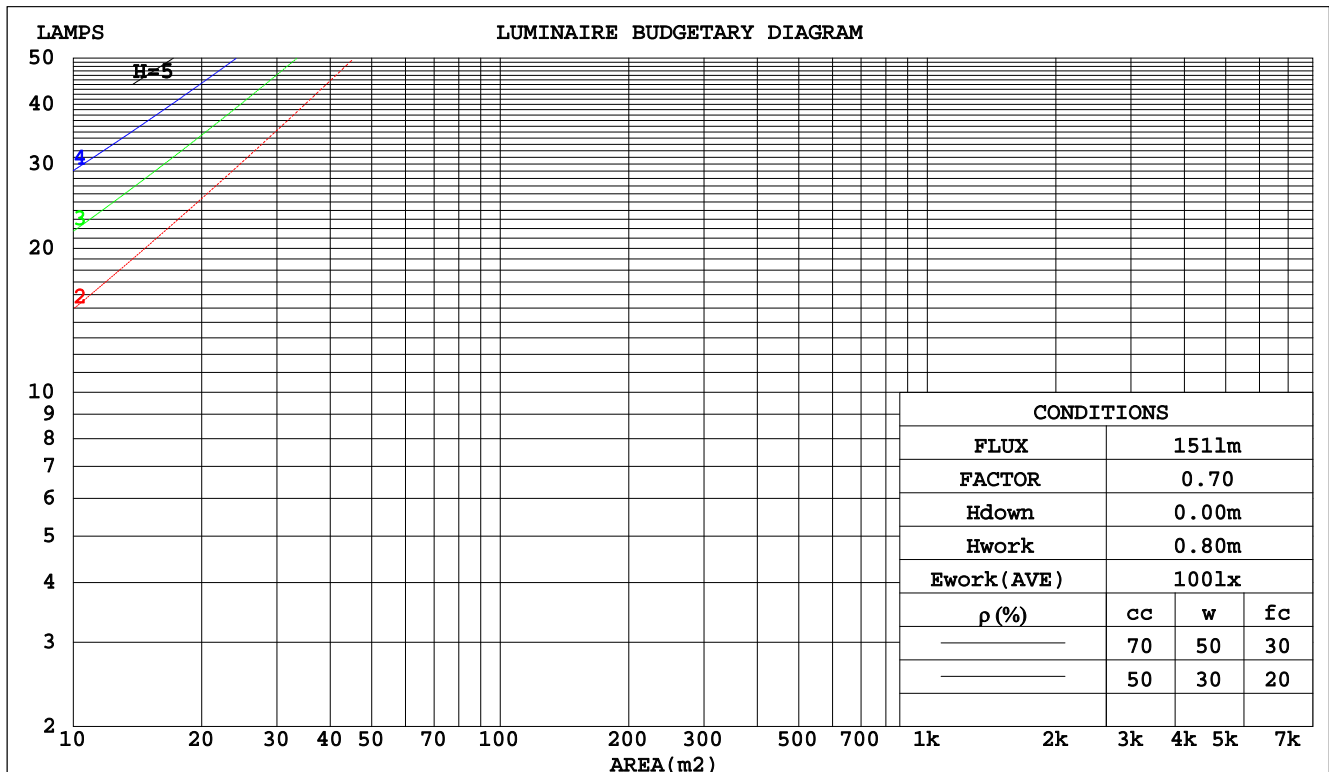
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:/

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.03	1.03	1.03	.95	.95	.95	.87	.87	.87	.84
1.0	.97	.92	.87	.93	.88	.84	.86	.82	.78	.79	.76	.73	.72	.70	.68	.64
2.0	.83	.75	.69	.80	.73	.67	.73	.68	.63	.67	.63	.59	.62	.58	.55	.51
3.0	.72	.63	.56	.69	.61	.54	.64	.57	.51	.59	.53	.48	.54	.49	.45	.42
4.0	.64	.54	.47	.61	.52	.46	.56	.49	.43	.52	.46	.41	.48	.43	.38	.35
5.0	.56	.47	.40	.54	.45	.39	.50	.43	.37	.46	.40	.35	.43	.37	.33	.30
6.0	.51	.41	.34	.49	.40	.34	.45	.38	.32	.42	.35	.30	.39	.33	.29	.26
7.0	.46	.37	.30	.44	.35	.29	.41	.33	.28	.38	.31	.27	.35	.30	.25	.23
8.0	.42	.33	.27	.40	.32	.26	.37	.30	.25	.35	.28	.24	.32	.27	.23	.20
9.0	.38	.30	.24	.37	.29	.23	.34	.27	.22	.32	.26	.21	.30	.24	.20	.18
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.30	.23	.19	.28	.22	.18	.16



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:/

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.383	.218	.069	.371	.211	.067	.347	.199	.064	.325	.188	.060	.305	.177	.057	
2.0	.333	.183	.056	.322	.177	.055	.301	.167	.052	.281	.158	.049	.263	.149	.047	
3.0	.297	.158	.047	.287	.154	.046	.268	.145	.044	.250	.137	.042	.233	.129	.040	
4.0	.268	.139	.041	.259	.135	.040	.241	.128	.038	.225	.121	.036	.210	.114	.035	
5.0	.244	.124	.036	.235	.121	.035	.220	.114	.034	.205	.108	.032	.191	.102	.031	
6.0	.223	.112	.032	.216	.109	.031	.202	.103	.030	.188	.098	.029	.176	.092	.027	
7.0	.206	.102	.029	.199	.099	.028	.186	.094	.027	.174	.089	.026	.162	.084	.025	
8.0	.191	.094	.026	.185	.091	.026	.173	.086	.025	.162	.082	.024	.151	.078	.023	
9.0	.178	.086	.024	.173	.084	.024	.162	.080	.023	.151	.076	.022	.141	.072	.021	
10.0	.167	.080	.022	.162	.078	.022	.151	.074	.021	.142	.070	.020	.133	.067	.019	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.324	.324	.324	.277	.277	.277	.189	.189	.189	.109	.109	.109	.035	.035	.035		
1.0	.320	.290	.263	.273	.249	.226	.187	.171	.156	.108	.099	.091	.034	.032	.029		
2.0	.313	.266	.228	.268	.229	.197	.183	.159	.137	.106	.092	.080	.034	.030	.026		
3.0	.305	.250	.206	.261	.215	.178	.179	.150	.125	.104	.087	.074	.033	.028	.024		
4.0	.297	.237	.191	.255	.205	.166	.175	.143	.117	.101	.084	.069	.033	.027	.023		
5.0	.289	.227	.181	.248	.196	.158	.171	.137	.111	.099	.081	.066	.032	.026	.022		
6.0	.282	.219	.174	.242	.190	.151	.167	.133	.107	.097	.078	.064	.031	.026	.021		
7.0	.275	.212	.169	.236	.184	.147	.163	.129	.104	.095	.076	.062	.031	.025	.020		
8.0	.268	.207	.165	.231	.179	.144	.160	.126	.102	.093	.074	.061	.030	.024	.020		
9.0	.262	.202	.161	.225	.175	.141	.156	.123	.100	.091	.073	.060	.029	.024	.020		
10.0	.256	.198	.159	.220	.172	.139	.153	.121	.099	.089	.071	.059	.029	.023	.019		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB						WEIGHT:0.490KG/M				
DIM.: 11.5*29mm						SPEC.:				
MFR.:						SUR.:16*1000mm				
PROTECTION ANGLE:/										
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise				
x = 2H y = 2H						Viewed endwise				
3H						13.5	14.9	14.0	15.4	15.9
4H						15.1	16.4	15.7	16.9	17.5
6H						15.8	17.0	16.4	17.6	18.2
8H						16.3	17.5	16.9	18.0	18.7
12H						16.5	17.6	17.1	18.2	18.8
12H						16.6	17.7	17.2	18.2	18.9
4H 2H						15.1	16.4	15.6	16.9	17.5
4H 3H						17.6	18.8	18.1	19.4	19.9
4H 4H						18.9	20.1	19.5	20.7	21.3
4H 6H						20.4	21.6	21.0	22.1	22.8
4H 8H						21.3	22.4	21.8	22.9	23.6
4H 12H						22.2	23.3	22.8	23.9	24.5
8H 2H						15.6	16.9	16.2	17.4	18.0
8H 3H						18.4	19.5	19.0	20.0	20.7
8H 4H						20.0	20.9	20.6	21.5	22.2
8H 6H						21.7	22.5	22.3	23.2	23.9
8H 8H						22.6	23.4	23.3	24.1	24.8
8H 12H						23.7	24.5	24.4	25.1	25.9
12H 4H						20.3	21.1	21.0	21.8	22.5
12H 6H						22.3	23.0	23.0	23.7	24.5
12H 8H						23.5	24.1	24.2	24.8	25.6
12H 12H						24.9	25.4	25.6	26.1	26.9
12H 4H						18.4	19.2	19.1	19.8	20.6
12H 6H						19.7	20.4	20.4	21.1	21.9
12H 8H						20.4	21.0	21.1	21.7	22.5
Variations with the observer position at spacings:										
S = 1.0H		+ 0.1 / - 0.1				+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3				+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.4				+ 0.2 / - 0.3				

CIE Pub.117 Corrected 149.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -6.6)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/

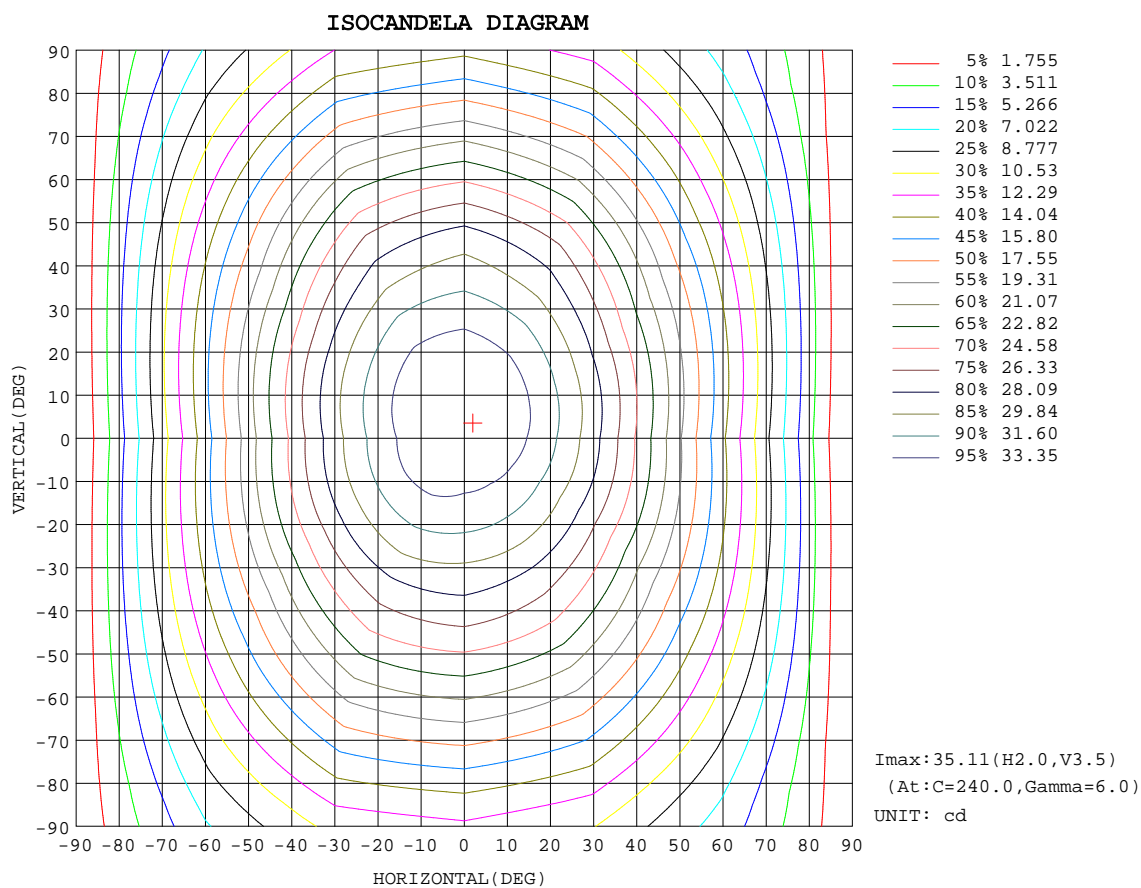
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	49	37	29	48	36	29	46	35	29	22
0.80	58	45	37	57	45	37	54	43	36	28
1.00	66	53	45	64	52	44	61	53	43	34
1.25	73	61	52	71	59	51	67	57	50	40
1.50	78	66	58	76	65	57	71	62	55	44
2.00	86	75	66	83	73	65	77	69	62	51
2.50	90	80	72	87	78	70	81	73	67	54
3.00	94	85	77	90	82	75	84	77	71	58
4.00	99	91	84	95	88	82	88	82	77	63
5.00	102	95	89	98	91	86	90	85	81	66
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SERIAL No.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:/

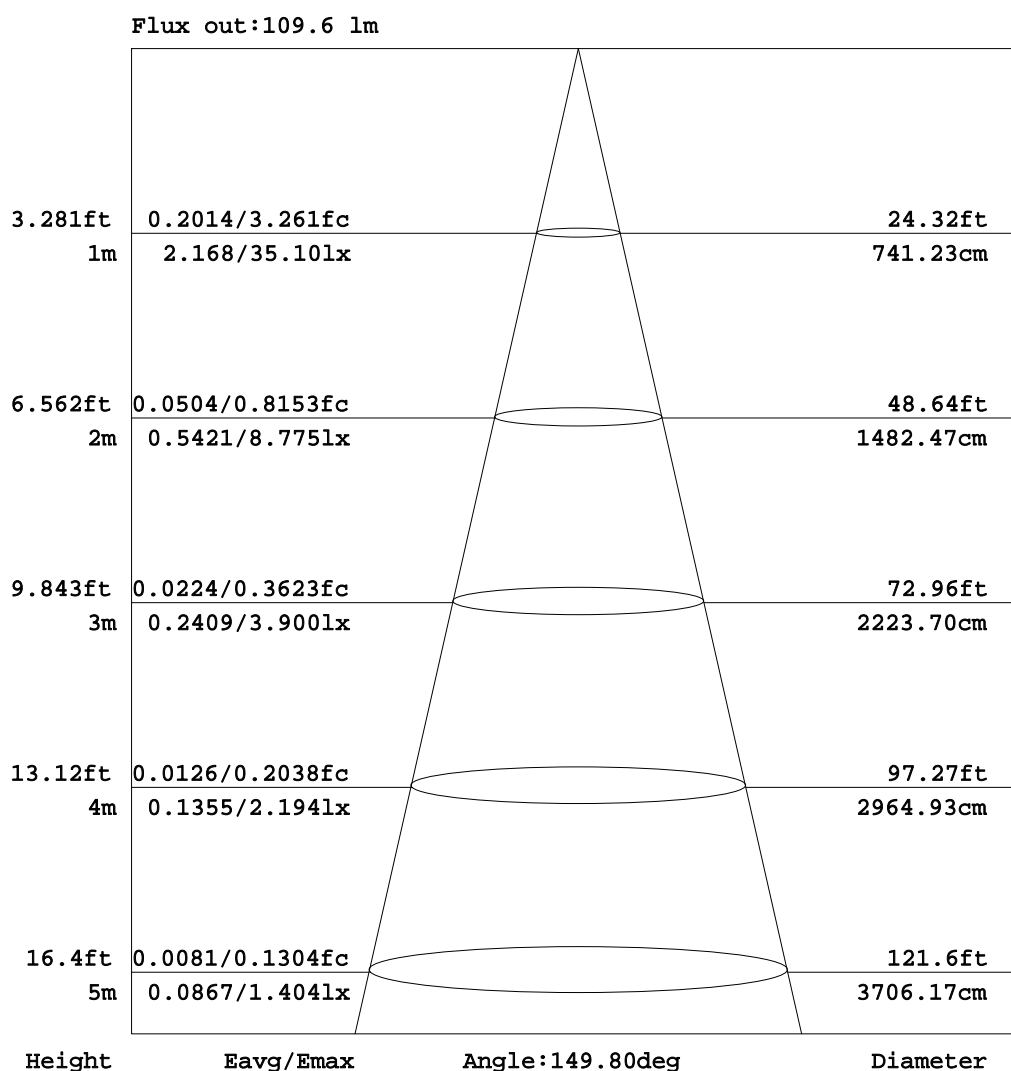


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

AAI Figure

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:/



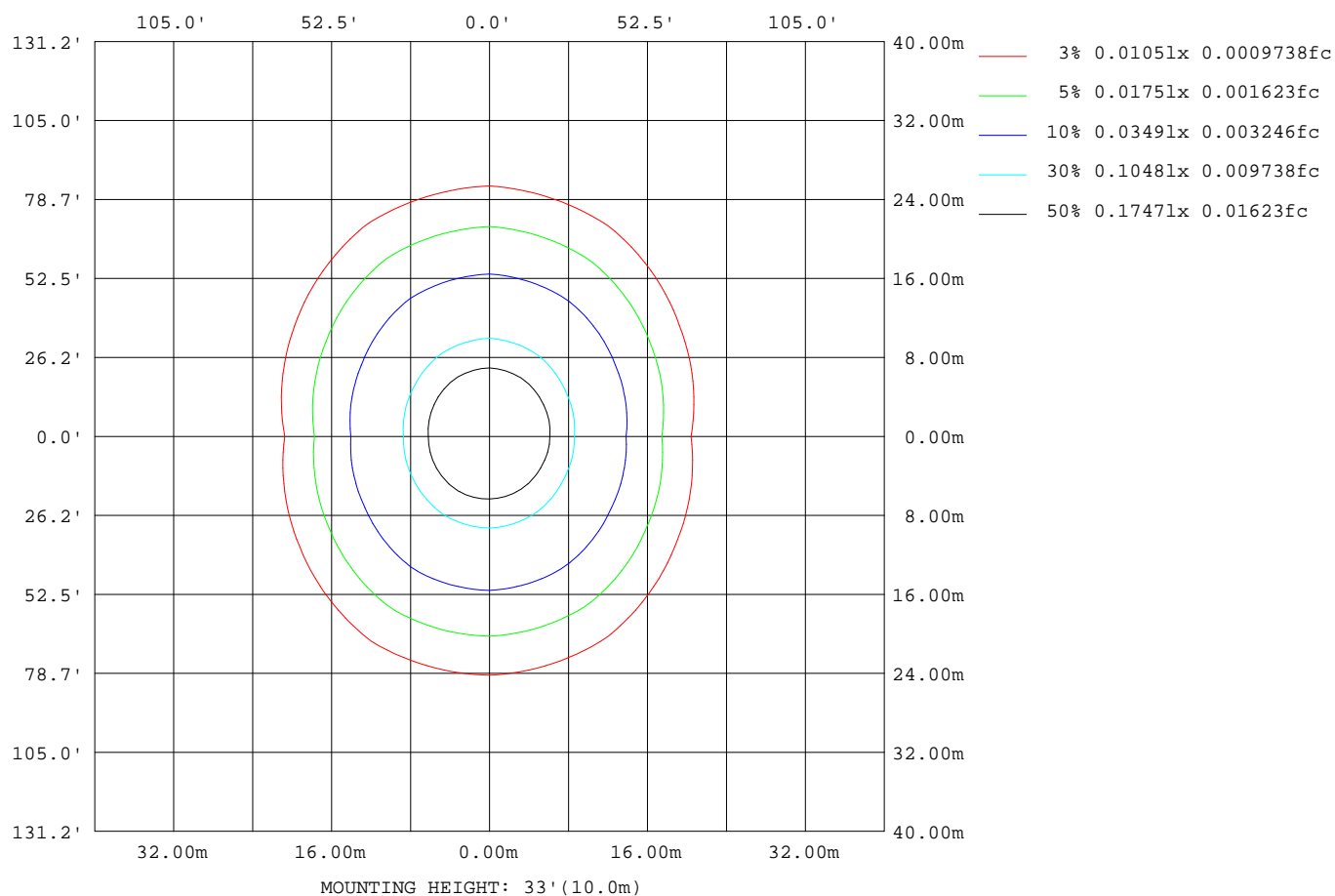
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/
SPEC.:	SUR.:16*1000mm



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	149.4	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.016	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1843	1884	1943	2022	2138	2258	2369	2435	2478	2499	2508	2493	2449	2343	2222	2102	2007	1942	1922
60	1790	1868	1962	2073	2221	2370	2504	2585	2637	2663	2673	2654	2598	2470	2320	2167	2027	1924	1880
65	1734	1861	2002	2157	2351	2541	2710	2812	2877	2908	2919	2893	2822	2665	2477	2281	2076	1917	1840
70	1666	1866	2078	2301	2565	2819	3041	3173	3256	3293	3307	3271	3178	2973	2726	2461	2162	1923	1796
75	1573	1910	2248	2588	2964	3315	3616	3797	3907	3955	3975	3926	3797	3517	3174	2796	2336	1956	1743
80	1418	2052	2658	3238	3830	4365	4813	5088	5256	5327	5353	5274	5071	4652	4127	3531	2738	2065	1670
85	1097	2632	4049	5348	6586	7664	8541	9087	9413	9541	9575	9399	8978	8163	7116	5885	4078	2507	1553

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	9575	200	---	500
Category 2	65 to 90	9575	200	---	500
Category 3	75 to 90	9575	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-13

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F21S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/

Table--1

UNIT: cd

C(DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (DEC)																		
0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0						
5	34.8	34.7	34.6	34.7	34.8	34.8	34.9	35.0	35.1	35.1	35.0	34.9						
10	34.2	33.9	33.8	33.9	34.1	34.2	34.4	34.8	35.1	35.1	34.8	34.4						
15	33.5	33.1	33.1	33.2	33.5	33.6	33.7	34.3	34.8	34.9	34.4	33.9						
20	32.0	31.7	31.8	32.1	32.3	32.2	32.3	33.2	34.1	34.3	33.6	32.6						
25	30.8	30.5	30.9	31.2	31.4	31.2	31.2	32.3	33.4	33.7	32.8	31.6						
30	28.7	28.5	29.2	29.6	29.8	29.2	29.1	30.5	32.1	32.6	31.4	29.7						
35	27.1	27.0	28.0	28.7	28.6	27.8	27.6	29.2	31.1	31.7	30.4	28.3						
40	24.4	24.7	26.4	27.4	26.9	25.5	24.9	26.9	29.5	30.5	28.8	26.0						
45	22.5	23.0	25.3	26.3	25.8	23.9	23.1	25.3	28.4	29.6	27.7	24.3						
50	19.5	20.5	23.4	24.5	24.1	21.4	20.2	22.8	26.7	27.9	25.9	21.8						
55	17.4	18.9	22.1	23.3	22.8	19.7	18.2	21.1	25.4	26.6	24.5	20.1						
60	14.3	16.6	20.0	21.3	20.8	17.3	15.0	18.6	23.2	24.4	22.2	17.7						
65	12.2	15.0	18.7	20.0	19.4	15.8	13.0	17.0	21.7	23.0	20.7	15.9						
70	9.12	12.6	16.6	18.0	17.4	13.5	9.83	14.5	19.4	20.7	18.4	13.3						
75	7.03	11.1	15.3	16.7	16.1	12.0	7.73	12.8	17.9	19.2	16.9	11.7						
80	3.94	9.00	13.4	14.8	14.1	9.81	4.64	10.4	15.7	17.0	14.8	9.37						
85	1.99	7.74	12.2	13.6	12.8	8.52	2.64	9.01	14.3	15.6	13.4	8.01						
90	0.35	6.25	10.6	12.0	11.1	6.82	0.34	7.19	12.3	13.6	11.6	6.36						
95	0.36	5.51	9.72	11.0	9.23	5.50	0.25	6.25	11.2	12.4	10.5	5.56						
100	0.31	4.63	8.49	9.73	8.06	4.76	0.22	4.62	9.69	10.9	9.14	4.70						
105	0.28	4.20	7.77	8.96	7.70	4.18	0.22	4.25	8.70	9.97	8.33	4.29						
110	0.27	3.71	6.81	7.89	6.76	3.60	0.20	3.80	7.46	8.74	7.31	3.80						
115	0.28	3.43	6.26	7.26	6.17	3.07	0.19	3.19	6.63	8.02	6.72	3.56						
120	0.28	3.07	5.51	6.39	5.19	2.58	0.16	2.65	4.72	7.09	5.94	3.26						
125	0.31	2.86	5.07	5.89	4.08	2.27	0.16	2.35	4.37	6.52	5.48	3.10						
130	0.31	2.49	4.44	5.15	3.38	1.82	0.17	2.00	3.25	5.67	4.86	2.90						
135	0.31	2.26	4.05	4.70	2.92	1.57	0.18	1.69	3.00	5.09	4.48	2.63						
140	0.31	1.96	3.50	4.05	2.33	1.30	0.17	1.38	2.50	4.46	3.96	2.31						
145	0.32	1.79	3.10	3.58	2.01	1.17	0.21	1.26	2.17	4.11	3.67	2.14						
150	0.39	1.47	2.54	2.89	1.52	1.10	0.33	1.25	1.63	3.55	3.04	1.82						
155	0.40	1.30	2.19	1.88	1.21	1.08	0.39	1.26	1.33	3.02	2.67	1.63						
160	0.43	1.03	1.74	1.55	0.95	1.01	0.45	1.22	1.07	2.30	2.21	1.28						
165	0.45	0.83	1.43	0.74	0.84	0.94	0.48	1.15	1.00	0.90	1.88	1.02						
170	0.50	0.54	0.94	0.49	0.74	0.78	0.51	0.97	0.98	0.57	1.26	0.67						
175	0.53	0.45	0.59	0.31	0.60	0.66	0.54	0.80	0.82	0.33	0.79	0.52						
180	0.57	0.54	0.45	0.08	0.43	0.56	0.56	0.55	0.47	0.07	0.41	0.56						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
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γ Interval: 2.0DEG
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